In the Claims:

Please amend the claims as indicated below.

1. (Currently Amended) A method of placing a transponder or an integrated circuit contained in the transponder in an inventory in a communication station, the method comprising: ~~wherein~~

activating an inventory-making process ~~is activated~~ in the transponder or in its integrated circuit; ~~s, in which inventory-making process~~

generating a hash value in the transponder or its integrated circuit, the hash value identifying a part of a distinguishing dataset that is stored in ~~of~~ the transponder or its integrated circuit, the ~~which~~ distinguishing dataset being ~~is stored in storage means of the transponder or its integrated circuit and is~~ characteristic for the transponder or its integrated circuit; ~~, is read from the storage means by using a hash value, and in which inventory-making process~~

using the hash value, accessing the part of the distinguishing dataset;

selecting a transmission parameter ~~is selected~~ from a set of transmission parameters by using the accessed part ~~that was read~~ from the distinguishing dataset; [[,]] and ~~in which inventory-making process~~

using the selected transmission parameter, transmitting an identifying dataset for the transponder or its integrated circuit to the communication station to place the transponder or its integrated circuit in the inventory in the communication station, the ~~which~~ identifying dataset being ~~is~~ characteristic for the transponder or its integrated circuit and ~~is~~ intended for the placing of the transponder or its integrated circuit in an inventory~~, is transmitted from the transponder or its integrated circuit to the communication station by using the selected transmission parameter, characterized in that the hash value is generated in the transponder or in its integrated circuit by means of hash-value generating means that are provided in the transponder or in its integrated circuit~~.

2. (Currently Amended) A method as claimed in claim 1, characterized in that, in the inventory-making process, a time slot is selected from a time-slot sequence by using the

accessed part of the distinguishing dataset ~~that has been read out~~, and in that, in the inventory-making process, the identifying dataset for the transponder or its integrated circuit is transmitted from the transponder or its integrated circuit to the communication station by using the selected time slot.

3. (Previously presented) A method as claimed in claim 1, characterized in that the hash value is generated by means of a hash-value counting stage provided in the transponder or in its integrated circuit.

4. (Previously presented)A method as claimed in claim 3, characterized in that the hash-value counting stage is set to a preset starting hash value after a power-on reset in the transponder or in its integrated circuit.

5. (Previously presented)A method as claimed in claim 1, characterized in that the hash value is generated by means of a random number generator provided in the transponder or in its integrated circuit.

6. (Currently Amended) An integrated circuit for a transponder, the ~~which~~ integrated circuit comprising: ~~contains~~

process-controlling circuitry configured to control ~~means that are intended for controlling~~ an inventory-making process for placing the integrated circuit or the transponder containing the integrated circuit in an inventory in a communication station;~~,~~ ~~and which integrated circuit contains~~

a memory circuit configured ~~storage means that are intended firstly~~ to store a distinguishing dataset of the integrated circuit or the transponder ~~containing the integrated circuit~~, the ~~which~~ distinguishing dataset being ~~is~~ characteristic for the integrated circuit or the transponder ~~containing the integrated circuit~~, and ~~secondly~~ to store an identifying dataset of the integrated circuit or the transponder ~~containing the integrated circuit~~, the ~~which~~ identifying dataset being ~~is~~ characteristic for the integrated circuit or the transponder ~~containing the integrated circuit~~ and ~~is~~ intended for placing the

integrated circuit or the transponder containing the integrated circuit in an inventory; ~~;~~ ~~and which integrated circuit includes~~

a hash-value generating circuit configured to generate a hash value that identifies a part of the distinguishing dataset stored in the memory circuit;

transmission-parameter selecting means for receiving ~~that are intended firstly to receive a~~ the part of the distinguishing dataset that is read from the memory circuit ~~storage means by~~ using the hash value[[,]] and for calculating ~~secondly to select~~ a transmission parameter from a set of transmission parameters ~~by~~ using the part of the distinguishing dataset; and ~~that has been received, which~~

transmission circuitry configured to use the selected transmission parameter to transmit ~~is suitable for transmitting, from the integrated circuit to the communication station,~~ the identifying dataset from the integrated circuit to the communication station to place ~~that is intended for placing~~ the integrated circuit or the transponder containing the integrated circuit in the ~~an~~ inventory in the communication station, ~~characterized in that hash-value generating means for generating the hash value are provided in the integrated circuit.~~

7. (Currently Amended) A circuit as claimed in claim 6, characterized in that the ~~integrated circuit contains, as~~ transmission-parameter selecting means includes a [[,]] time-slot selecting stage that is configured ~~means, which time-slot selecting means are designed~~ to select a time slot from a time-slot sequence, and the transmission circuitry configured to transmit the identifying dataset during the ~~which~~ selected time slot ~~is suitable for transmitting,~~ from the integrated circuit to the communication station, ~~the identifying dataset intended~~ for the placing of the integrated circuit or the transponder containing the integrated circuit in an inventory.

8. (Currently Amended) A circuit as claimed in claim 6, characterized in that the hash-value generating circuit includes ~~means provided in the integrated circuit are implemented with the help of~~ a hash-value counting stage~~d~~.

9. (Currently Amended) A circuit as claimed in claim 8, further comprising ~~characterized~~

in that a power-on-rest circuit configured is provided that is designed to generate a power-on-reset signal at a power-on reset of the integrated circuit and to provide the power-on-rest signal to that cooperates with the hash-value counting stage to set, and in that the hash-value counting stage can be set to a starting hash value by means of the power-on-reset signal.

10. (Currently Amended) A circuit as claimed in claim 9 [[6]], further comprising characterized in that the hash-value generating means provided in the integrated circuit are implemented with the help of a random number generator configured to generate the starting hash value.

11. (Currently Amended) A transponder comprising:, characterized in that the transponder (1) is provided with
     an integrated circuit as claimed in claim 6; and
     a transmission coil connected to the integrated circuit.